ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.H./

PTO/SB/08A

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Pagework Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Order the Laperwork Treddoor Act of 1995, no persons	are required to respond to a collection of	I Information unless it contains a valid Offic control number		
Substitute for form 1449A/PTO	Complete if Known			
	Application Number	10/538,918		
INFORMATION DISCLOSURE	Filing Date	December 13, 2005		
STATEMENT BY APPLICANT	First Named Inventor	John Hansen		
	Art Unit	3761		
(Use as many sheets as necessary)	Examiner Name	Melanie Jo Hand		
Sheet 1 of 3	Attorney Docket Number	13323-105003		

			U.S. PATENT [OCUMENTS	
Examiner Initials *	Cite No. ¹	Document Number Number - Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		2465860	03-29-1949	Fleischmann	
		4280954	07-28-1981	Yannas et al.	
		4982769	01-08-1991	Fournier et al.	
		5149540	09-22-1992	Kunihiro et al.	
		5387208	02-07-1995	Ashton et al.	
		5890610	04-06-1999	Jansen et al.	
		6638538	10-28-2003	Hashimoto et al.	
		6716435	04-06-2004	Farmer et al.	
		20010008636	07-19-2001	Yamamoto et al.	
		20020012982	01-31-2002	Blakesley et al.	
		20020111576	08-15-2002	Greene et al.	
		20050218541	10-06-2005	Peng et al.	
		20070264301	11-15-2007	Gore Enterprise Holdings Inc	Cleek et al.
		20070264302	11-15-2007	Gore Enterprise Holdings Inc.	Cleek et al.
		20080095830	04-24-2008	Ethicon Inc	Van Holten
		20080311172	12-18-2008	Schapira et al.	
plied		20090087569 04	02-0 4-2009	Fan et al.	

to document,

/G.H./ 5/4/2011

Examiner Signature	Date Considered	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Nich of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Pateni and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number.

Substitute f	or form 1449A	/PTO			Complete if Known		
				Application Number	10/538,918		
INFORMATION DISCLOSURE				Filing Date	12-13-05		
STAT	EMENT	BY API	PLICANT	First Named Inventor	John E. Hansen		
				Art Unit	3761		
((Use as many sheets as necessary)			Examiner Name	Melanie Jo Hand		
Sheet	6	of	13	Attorney Dockel Number	13323-105003		

1			U.S. PA	TENT DOCUMENTS	
Examiner initial *	Cite No. 1	Document Number Number Kind Code (if known)	Publication Date MM-DD-YY	Name of Patentee or Applicant of Cited Document	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear
	151	US-US 5908054	06-01-99	Safabash et al	
	152	US-US 5931165	08-03-99	Reich et al	
	153	US-US 5939259	08-17-99	Harvey et al	
	154	US-US 5951531	09-14-99	Ferdman et al	
	155	US-US 5951583	09-14-99	Jensen et al	
	156	US-US 5957166	09-28-99	Safabash	
	157	US-US 6007613	12-28-99	Izoret	
	158	US-US 6027741	02-22-00	Cialdi et al	
	159	US-US 6042262	03-28-00	Hajianpour Mohammed Ali	
	160	US-US 6045570	04-04-00	Lempert Epstein et al	
	161	US-US 6063061	05-16-00	Wallace et al	
	162	US-US 6066325	05-23-00	Wallace et al	
	163	US-US 6074663	06-13-00	Delmottet et al	
	164	US-US 6096309 O8	-01-08 -00	Prior et al	
applie	165	US-US 6099952	08-08-00	Cercone	
	166	US-US 6162241	12-19-00	Coury et al	
ıt,	167	US-US 6168788	01-02-01	Wortham	
	168	US-US 6261596	07-17-01	Li et al	
	169	US-US 6280727	08-28-01	Prior et al	
	170	US-US 6300128	10-09-01	Morota et al	

C	r
to docume	H
/G.H./	-
5/4/2011	L

(hange(s)

			FOR	REIGN PATENT	ОССИМЕ	ENTS		
Examiner Initial *	Cite No. 1	Country Code	oreign Patent Document Number Kind Code (If know	Publication Date MM-DD-YYYY	Name	of Patentee or Applicant of Cited Document	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear	т6
	171	PC	WO 03055531	07-10-03				
	172	PC	WO 03094983	11-20-03				
	173	PC	WO 04028404	04-08-04				
	174	PC	WO 04028423	04-08-04				1
	175	PC	WO 04029095	04-08-04				
	176	PC	WO 04030711	04-15-04				Т
	177	PC	WO 04108035	12-16-04				T
	178	PC	WO 05000265	01-06-05				1
	179	PC	WO 05009225	02-03-05				1
	180	PC	WO 05041811	05-12-05				
Examin Signatu					· ·	Date Considered		

[•] EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not Considered. Include of this form with next communication to applicant.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the foliation Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assisstance in completing the form, call 1-800-PTO-9199 (1-800-786.9199) and select option 2.

^{1.} Applicant's unique citation designation number (optional) 2. See Kinds codes of USPTO patent Documents, at www.uspto.gov or MPEP 901.04.

^{3.} Enter Office that isssued the document, by the two-letter code (WIPO Standard ST.3.) 4. For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.f. 16 if possible. 6. Applicant is to place a check mark here if English tanguage Translation is ettached.

PTO/SB/08a (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Palent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Peperwork reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute	e for form 1449A/F	PTO		Complete if Known			
	_			Application Number	10/538,918		
INFC	DRMATIO	N DIS	CLOSURE	Filing Date	12-13-05		
STATEMENT BY APPLICANT				First Named Inventor	John E. Hansen		
J				Art Unit	3761		
(Use as many sheets as necessary)				Examiner Name	Melanie Jo Hand		
Sheet	5	of	13	Attorney Docket Number	13323-105003		

	U.S. PATENT DOCUMENTS								
	Examiner initial *	Cite No. 1	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YY	Name of Patentee or Applicant of Cited Document	Peges, columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		121	US-US 5512301	04-30-96	Song et al				
		122	US-US 5595735	01-21-97	Saferstein et al				
		123	US-US 5643596	07-01-97	Pruss et al				
C1 (3)		, 124	US-US 5645849 07	-00-07 -97	Pruss et al				
Change(s)	applied	125	US-US 5660854	08-26-97	Haynes et al				
to documer	±	126	US-US 5669934	09-23-97	Sawyer				
	с,	127	US-US 5690675	11-25-97	Sawyer et al				
/G.H./		128	US-US 5690954	11-25-97	Illum				
5/4/2011		129	US-US 5700476	12-23-97	Rosenthal et al				
7/ 4/ 2011		130	US-US 5712161	01-27-98	Koezuka				
		131	US-US 5723308	03-03-98	Mach et al				
		132	US-US-5743442	04-28-98	Pfeifer 5,743,312				
		133	US-US 5749895	05-12-98	Sawyer et al				
		134	US-US 5791352	08-11-98	Reich et al				
		135	US-US 5795330	08-18-98	Tofighi, et al				
		136	US-US 5798091 A	08-25-98	Klein David et al				
		137	US-US 5823671	10-20-98	Mitchell et al				
		138	US-US 5824015	10-20-98	Sawyer				
		139	US-US 5883078	03-16-99	Seelich et al				
		140	US-US 5895412	04-20-99	Tucker	1			

			FOF	REIGN PATENT	OCUMENTS		
Examiner Initial *	Cite No. ¹	Country Code	Foreign Patent Document 3 Number 4 Kind Code (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	141	PC	WO 0076533	12-21-00			
	142	PC	WO 0128603	04-26-01			
	143	PC	WO 0134206	05-17-01			
	144	PC	WO 0154735	08-02-01			
	145	PC	WO 0166161 A	09-13-01			
	146	PC	WO 0197826	12-27-01			
	147	PC	WO 02058749	08-01-02			
	148	PC	WO 0218450 A	03-07-02			1
	149	PC	WO 0240068	05-23-02			
	150	PC_	WO 03007845	01-30-03			1

			,
Examiner	,	Date	
Signature		Considered	

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assisstance in completing the form, call 1-800-PTO-9199 (1-800-766.9199) and select option 2.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not Considered, Include of this form with next communication to applicant.

^{1.} Applicant's unique citation designation number (optional) 2. See Kinds codes of USPTO patent Documents, at www.uspto.gov or MPEP 901.04.

^{3.} Enter Office that isssued the document, by the two-letter code (WIPO Standard ST.3.) 4. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document, 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.f. 16 If possible, 8. Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08a (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute fo	or form 1449A/	РТО		Complete if Known		
				Application Number	10/538,918	
INFOR	RMATIO	N DISC	LOSURE	Filing Date	12-13-05	
STAT	EMENT	BY API	PLICANT	First Named Inventor	John E. Hansen	
• • • • • • • • • • • • • • • • • • • •				Art Unit	3761	
(1	(Use as many sheets as necessary)			Examiner Name	Melanie Jo Hand	
Sheet	4	of	13	Attorney Docket Number	13323-105003	

	U.S. PATENT DOCUMENTS									
	Examiner Cite No.		Document Number Number Kind Code ² (if known)		Publication Date MM-DD-YY	Name of Patentee or Applicant of Cited Document	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		91	US-US 4559304		12-17-85	Kasai et al				
		92	US-US 4655211		04-07-87	Unilika Lid Sakamoto ,	et al.			
		93	US-US 4735616		04-05-88	Eibl et al				
		94	US-US 4749689		06-07-88	Miyata et al				
		95	US-US 4851521		07-25-89	Della valle et al				
,		96	US-US 4891359		01-02-90	Saferstein				
		97	US-US 4997753		03-05-91	Dean et al				
C1 = C1		, 98	US-US 5024841		06- 16-38 91	Chu et al				
Change(s)	applied	99	US-US 5037740		08-06-91	Tanaka et al				
to documer	+	100	US-US 50401511		03-28-95	Margalit 5,401,511				
		101	US-US 5112750		05-12-92	Tanaka et al				
/G.H./		102	US-US-5140548		09-22-92	Kunihiro et al 5,149,540				
5/4/2011		103	US-US 5180583		01-19-93	Hedner				
)/ 1/ 2011		104	US-US 5356883		10-18-94	Kuo et al				
		105	US-US 5394886	03	98-9 3-95	Nabai et al				
		106	US-US 5399361		03-21-95	Song et al				
		107	US-US 5443481		. 08-22-95	Lee				
		108	US-US 5456693		10-10-95	Conston et al	·			
		109	US-US 5462860		10-31-95	Mach				
		110	US-US 5503848		04-02-96	Perbellini et al				

1 1		Country	Foreign Patent Document Number 4 Kind Code (if know	Publication Date) MM-DD-YYYY	Name o	of Patentee or Applicant of Cited Document	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear	т6
	111	GB	GB 697603	09-13-49				
	112	JP	JP 01 130519	05-23-89				
	113	JP	JP 06254148	994-09-13				
	114	JΡ	JP 60214728	10-28-85				
	115	JP	JP 62 221357	09-29-87				
	116	JP	JP 62070318	187-03-31				
	117	PC	WO 0009018	02-24-00				
	118	PC	WO 0018301	04-06-00				
	119	PC	WO 0027327	05-18-00				
	120	PC	WO 0074742	12-14-00				
Examin						Date Considered		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not Considered, Include of this form with next communication to applicant.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

^{1.} Applicant's unique citation designation number (optional) 2. See Kinds codes of USPTO patent Documents, at www.uspto.gov or MPEP 901.04.

^{3.} Enter Office that issaued the document, by the two-letter code (WIPO Standard ST.3.) 4. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.f. 16 if possible, 6. Applicant is to place a check mark here if English language Translation is attached,

If you need assisstance in completing the form, call 1-800-PTO-9199 (1-800-786.9199) and select option 2.

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449A/PTO **Application Number** 10/538,918 INFORMATION DISCLOSURE Filing Date 12-13-05 STATEMENT BY APPLICANT First Named Inventor John E. Hansen Art Unit (Use as many sheets as necessary) Examiner Name Melanie Jo Hand Attomey Docket Number Sheet 13 of 13323-105003

Examiner Initial* No.		U.S. PATENT DOCUMENTS									
32				Number Kind Code		Applicant of Cited	Relevant Passages or Relevant				
33			31	US-US 20030028140	02-06-03	Greff					
34			32	US-US 20030032143	02-13-03	Neff et al					
35			33	US-US 20030064109	04-03-03	Qian et al					
36			34	US-US 20030095993	05-22-03	Benz eta l					
Change(s) applied 37 US-US 20030181659 09-25-03 Naranda et al to docume t, 38 US-US 20030232746 12-18-03 Lamberti et al 39 US-US 20040076647 04-22-04 Beiring 40 US-US 20040079763 04-29-04 Powell et al US-US 20040101546 05-27-04 Gorman et al 41 US-US 20040120993 06-24-04 Zhang et al 42 US-US 20040120993 06-24-04 Sceusa 43 US-US 20040197388 10-07-04 Sceusa 44 US-US 20040243043 12-02-04 McCarthy et al 45 US-US 2004214770 10-28-04 Reich et al 46 US-US 20050008632 01-13-05 Stimmeder 47 US-US 20050031691 02-10-05 McGurk et al			35	US-US 2003012741	01-16-03	Furlan Diego et al					
38			. 36	US-US 20030162708	08-28-03	Ferrosarr Wolff					
1. 39	(hange(s)	applie	37	US-US 20030181659	09-25-03	Naranda et al					
139 US-US 20040076647 04-22-04 Beiring	to docume	+	38	US-US 20030232746	12-18-03	Lamberti et al					
5/4/2011 41 US-US 20040101546 05-27-04 Gorman et al 42 US-US 20040120993 06-24-04 Zhang et al 43 US-US 20040197388 10-07-04 Sceusa 44 US-US 20040243043 12-02-04 McCarthy et al 45 US-US 2004214770 10-28-04 Reich et al 46 US-US 20050008632 01-13-05 Stimmeder 47 US-US 20050031691 02-10-05 McGurk et al		, ,	39	US-US 20040076647	04-22-04	Beiring					
42	/G.H./		40	US-US 20040079763	04-29-04	Powell et al					
43 US-US 20040120993 06-24-04 2rlang et al 43 US-US 20040197388 10-07-04 Sceusa 44 US-US 20040243043 12-02-04 McCarthy et al 45 US-US 2004214770 10-28-04 Reich et al 46 US-US 20050008632 01-13-05 Stimmeder 47 US-US 20050031691 02-10-05 McGurk et al	5/4/2011		41	US-US 20040101546	05-27-04	Gorman et al					
44 US-US 20040243043 12-02-04 McCarthy et al 45 US-US 2004214770 10-28-04 Reich et al 46 US-US 20050008632 01-13-05 Stimmeder 47 US-US 20050031691 02-10-05 McGurk et al	7/ T/ 2011		42	US-US 20040120993	06-24-04	Zhang et al					
45 US-US 2004214770 10-28-04 Reich et al 46 US-US 20050008632 01-13-05 Stimmeder 47 US-US 20050031691 02-10-05 McGurk et al			43	US-US 20040197388	10-07-04	Sceusa					
46 US-US 20050008632 01-13-05 Stimmeder 47 US-US 20050031691 02-10-05 McGurk et al			44	US-US 20040243043	12-02-04	McCarthy et al					
47 US-US 20050031691 02-10-05 McGurk et al			45	US-US 2004214770	10-28-04	Reich et al					
			46	US-US 20050008632	01-13-05	Stimmeder					
			47	US-US 20050031691	02-10-05	McGurk et al					
48 US-US 20050137512 06-23-05 Campbell et al			48	US-US 20050137512	06-23-05	Campbell et al					
49 US-US 20050171001 08-04-05 Pendharkar et al			49	US-US 20050171001	08-04-05	Pendharkar et al					
50 US-US 20050214277 09-29-05 Schaufler			50	US-US 20050214277	09-29-05	Schaufler					

FOREIGN PATENT DOCUMENTS										
Examiner Initial *	Cite No. ¹	Country Code	oreign Patent Document 3 Number 4 Kind Code (if know	Publication Date MM-DD-YYYY	Name o	of Patentee or Applica Cited Document	ant of	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear	т6	
	51	EP	EP 0702081	03-20-96						
	52	EP	EP 0773740	11-03-99					T	
	53	EP	EP 0790823	07-09-03						
	54	EP	EP 0891193	08-20-03						
	55	EP	EP 1005874 B ⁻	06-07-00					1	
	56	EP	EP 1022031 A ⁻	07-26-00					T	
	57	EΡ	EP 1044693	10-18-00						
	58	EΡ	EP 1053758	11-22-00						
	59	EP	EP 1059957	08-29-07					П	
	60	EP	EP 1095064	06-08-05						
Examin Signatu	L				· · · · · · · · · · · · · · · · · · ·	Date Considered				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not Considered, Include of this form with next communication to applicant.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1,14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

^{1.} Applicant's unique citation designation number (optional) 2. See Kinds codes of USPTO patent Documents, at www.uspto.gov or MPEP 901.04.

^{3.} Enter Office that Isssued the document, by the two-letter code (WIPO Standard ST.3.) 4. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.f. 16 if possible. 6. Applicant is to place a check mark here if English language Translation is attached.